



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/735,363

12/12/2000

Nigel C. Phillips

02811-0181

3925

23370

7590

03/09/2005

JOHN S. PRATT, ESQ
KILPATRICK STOCKTON, LLP
1100 PEACHTREE STREET
ATLANTA, GA 30309

EXAMINER

ZARA, JANE J

ART UNIT

PAPER NUMBER

1635

DATE MAILED: 03/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/735,363

Applicant(s)

PHILLIPS ET AL

Examiner

Jane Zara

Art Unit

1635

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 September 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,5,10 and 59-68 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,5,10 and 59-68 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☒ Other: sequence alignments.

DETAILED ACTION

This Office action is in response to the communication filed 9-20-04.

Claims 1, 5, 10, 59-68 are pending in the instant application.

Response to Arguments and Amendments

Withdrawn Rejections

Any rejections not repeated in this Office action are hereby withdrawn.

New Rejections

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1, 5, 10, 59-68 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1 it is unclear how the sequences listed, which comprise a minimum of e.g. 3 or 6 nucleobases in length, can also comprise 2 base 3'-OH, 5'-OH structures. The compounds claimed cannot meet the structural limitations set forth in the claim. Appropriate clarification is requested.

The claim recites a 2 to 20 base 3'-OH, 5'-OH nucleotide sequence, which is selected from the SEQ ID Nos. listed in claim 1. The claimed invention is understood to comprise nucleotides consisting of the recited SEQ ID Nos, and flanked by hydroxyl

Art Unit: 1635

groups. It is therefore unclear what the 2 to 20 base 3'-OH, 5'-OH is referring to in claim 1, since none of the sequences claimed have either of these lengths.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1 and 60 are rejected under 35 U.S.C. 102(e) as being anticipated by McClelland.

McClelland (USPN 5,861,245) teaches the nucleic acid sequence consisting of SEQ ID NO: 9 (see accompanying alignment data and SEQ ID NO: 8 of McClelland).

Claims 1 and 63 are rejected under 35 U.S.C. 102(e) as being anticipated by Boevink et al.

Boevink et al (USPN 6,211,431) teach a nucleic acid sequence consisting of SEQ ID NO: 26 (see accompanying alignment data and SEQ ID NO: 34 of Boevink et al).

Claims 1 and 64 are rejected under 35 U.S.C. 102(b) as being anticipated by Toole et al.

Toole et al (USPN 5,582,981) teach a nucleic acid sequence consisting of SEQ ID NO: 41 (see accompanying alignment data and SEQ ID NO: 9 of Toole et al).

Claims 1 and 68 are rejected under 35 U.S.C. 102(e) as being anticipated by Vitek et al.

Vitek et al (USPN 6,255,473) teach a nucleic acid sequence consisting of SEQ ID NO: 46 (see accompanying alignment data and SEQ ID NO: 15 of Vitek et al).

Allowable Subject Matter

SEQ ID Nos. 8, 10, 25, 42, 43 and 45 appear free of the prior art searched and of record.

Conclusion

Certain papers related to this application may be submitted to Art Unit 1635 by facsimile transmission. The faxing of such papers must conform with the notices published in the Official Gazette, 1156 OG 61 (November 16, 1993) and 1157 OG 94 (December 28, 1993) (see 37 C.F.R. § 1.6(d)). The official fax telephone number for the Group is **703-872-9306**. NOTE: If Applicant does submit a paper by fax, the original signed copy should be retained by applicant or applicant's representative. NO

DUPLICATE COPIES SHOULD BE SUBMITTED so as to avoid the processing of duplicate papers in the Office.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Jane Zara** whose telephone number is **(571) 272-0765**. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John LeGuyader, can be reached on (571) 272-0760. Any inquiry regarding this application should be directed to the patent analyst, Katrina Turner, whose telephone number is (571) 272-0564. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JZ
3-5-05

JZa
TC1600

ALIGNMENTS

RESULT 1
US-08-793-634B-34
Sequence 34, Application US/08793634B
Patent No. 6211431
GENERAL INFORMATION:

APPLICANT: Boevink, Petra C.
APPLICANT: Surin, Brian P.
APPLICANT: Keeese, Paul K.
APPLICANT: Chu, Paul W.G.
APPLICANT: Waterhouse, Peter M.
APPLICANT: Khan, Rafiqul I.
APPLICANT: Larkin, Philip J.
APPLICANT: Taylor, William C.
APPLICANT: Marshall, Jerry S.
TITLE OF INVENTION: NOVEL PLANT PROMOTERS AND USES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: U.S.A.
ZIP: 11530

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/793,634B
FILING DATE: June 9, 1997
CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 10530
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-793-634B-34

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.1e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTGTTT 6
Db 1 TTGTTT 6

RESULT 2

US-08-793-634B-31
Sequence 31, Application US/08793634B
Patent No. 6211431
GENERAL INFORMATION:

APPLICANT: Boevink, Petra C.
APPLICANT: Surin, Brian P.
APPLICANT: Keeese, Paul K.
APPLICANT: Chu, Paul W.G.
APPLICANT: Waterhouse, Peter M.
APPLICANT: Khan, Rafiqul I.

APPLICANT: Larkin, Philip J.
APPLICANT: Taylor, William C.
APPLICANT: Marshall, Jerry S.
TITLE OF INVENTION: NOVEL PLANT PROMOTERS AND USES
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Scully, Scott, Murphy & Presser
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
COUNTRY: U.S.A.
ZIP: 11530

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/793,634B
FILING DATE: June 9, 1997
CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 10530
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 7 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-793-634B-31

Query Match 100.0%; Score 6; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 9.5e+07;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 TTGTTT 6
Db 1 TTGTTT 6

RESULT 3

US-08-686-116A-52/C
Sequence 52, Application US/08686116A
Patent No. 5714331
GENERAL INFORMATION:

APPLICANT: Buchardt et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having Enhanced
TITLE OF INVENTION: Binding Affinity, Sequence Specificity
Patent No. 5714331
TITLE OF INVENTION: ans Solubility
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5714331iris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 MB
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/686,116A
FILING DATE: July 24, 1996
CLASSIFICATION: 435

ALIGNMENTS



```

RESULT 1
US-08-234-613-9
Sequence 9, Application US/08234613
Patent No. 5582981
GENERAL INFORMATION:
APPLICANT: TOOLE, JOHN J.
APPLICANT: LATHAM, JOHN
APPLICANT: BOCK, LOUIS C.
APPLICANT: GRIFFIN, LINDA C.
TITLE OF INVENTION: APTAMER TARGET ELUTION METHOD
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FOERSTER
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/234,613
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/744,870
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GRACEY, NANCY J.
REGISTRATION NUMBER: 28,216
REFERENCE/DOCKET NUMBER: 24610-20030.00
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-234-613-9

Query Match      100.0%; Score 6; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 1,1e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGTGG 6
DB      1 GGTGG 6

RESULT 2
US-08-237-973-9
Sequence 9, Application US/08237973
Patent No. 5840867
GENERAL INFORMATION:
APPLICANT: TOOLE, JOHN J.
APPLICANT: LATHAM, JOHN
APPLICANT: BOCK, LOUIS C.
APPLICANT: GRIFFIN, LINDA C.
TITLE OF INVENTION: APTAMER ANALOGS SPECIFIC FOR
SEQUENCES: 62

```

```

ADDRESSER: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/237,973
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/787,921
FILING DATE: 06-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: GRACEY, NANCY J.
REGISTRATION NUMBER: 28,216
REFERENCE/DOCKET NUMBER: 24610-20032.21
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-237-973-9

Query Match      100.0%; Score 6; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 1,1e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GGTGG 6
DB      1 GGTGG 6

RESULT 3
US-08-234-613-15
Sequence 15, Application US/08234613
Patent No. 5582981
GENERAL INFORMATION:
APPLICANT: TOOLE, JOHN J.
APPLICANT: LATHAM, JOHN
APPLICANT: BOCK, LOUIS C.
APPLICANT: GRIFFIN, LINDA C.
TITLE OF INVENTION: APTAMER TARGET ELUTION METHOD
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FOERSTER
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/234,613
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

```


ALIGNMENTS



RESULT 1
US-08-920-422-15
Sequence 15, Application US/08920422A
Patent No. 6255473
GENERAL INFORMATION:
APPLICANT: Vitek, Michael P.
APPLICANT: Mitsuda, No. 6255473iaki
APPLICANT: Rosee, Allen D.
TITLE OF INVENTION: Presentin-1 Gene Promoter
FILE REFERENCE: VITEKPRESENTIN
CURRENT APPLICATION NUMBER: US/08/920,422A
CURRENT FILING DATE: 1997-08-29
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 15
LENGTH: 6
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-920-422-15

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.1e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGCGG 6
|||||
DB 1 GGGCGG 6

RESULT 2
US-08-920-422-16/c
Sequence 16, Application US/08920422A
Patent No. 6255473
GENERAL INFORMATION:
APPLICANT: Vitek, Michael P.
APPLICANT: Mitsuda, No. 6255473iaki
APPLICANT: Rosee, Allen D.
TITLE OF INVENTION: Presentin-1 Gene Promoter
FILE REFERENCE: VITEKPRESENTIN
CURRENT APPLICATION NUMBER: US/08/920,422A
CURRENT FILING DATE: 1997-08-29
NUMBER OF SEQ ID NOS: 22
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 16
LENGTH: 6
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-920-422-16

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.1e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGCGG 6
|||||
DB 6 GGGCGG 1

3-29
Application US/095933323

Antony R.

APPLICANT: Severini, Alberto
TITLE OF INVENTION: Compositions and Methods for Determining the Activity
TITLE OF INVENTION: of DNA-Binding Proteins and of Initiation of
TITLE OF INVENTION: Transcription
FILE REFERENCE: DNAB-02921
CURRENT APPLICATION NUMBER: US/09/593,323
CURRENT FILING DATE: 2000-06-13
PRIOR APPLICATION NUMBER: 09/344,300
PRIOR FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 72
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 29
LENGTH: 6
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-593-323-29

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.1e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGCGG 6
|||||
DB 1 GGGCGG 6

RESULT 4
US-09-594-108-29
Sequence 29, Application US/09594108
Patent No. 6284468
GENERAL INFORMATION:
APPLICANT: Morgan, Antony R.
APPLICANT: Severini, Alberto
TITLE OF INVENTION: Compositions and Methods for Determining the Activity
TITLE OF INVENTION: of DNA-Binding Proteins and of Initiation of
TITLE OF INVENTION: Transcription
FILE REFERENCE: DNAB-02921
CURRENT APPLICATION NUMBER: US/09/594,108
CURRENT FILING DATE: 2000-06-13
PRIOR APPLICATION NUMBER: 09/344,300
PRIOR FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 72
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 29
LENGTH: 6
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-594-108-29

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.1e+08;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GGGCGG 6
|||||
DB 1 GGGCGG 6

RESULT 5
US-09-344-300-29
Sequence 29, Application US/09344300B
Patent No. 6297013
GENERAL INFORMATION:
APPLICANT: Morgan, Antony R.
APPLICANT: Severini, Alberto
TITLE OF INVENTION: Compositions and Methods for Determining the Activity
TITLE OF INVENTION: of DNA-Binding Proteins and of Initiation of
TITLE OF INVENTION: Transcription
FILE REFERENCE: DNAB-02921

ALIGNMENTS

RESULT 1
US-08-471-994-8

Sequence 8, Application US/08471994
Patent No. 5861245

GENERAL INFORMATION:

APPLICANT: McCelland, Michael

APPLICANT: Welsh, John T.

TITLE OF INVENTION: ARBITRARILY PRIMED POLYMERASE CHAIN

NUMBER OF SEQUENCES: 13
REACTION METHOD FOR FINGERPRINTING GENOMES

CORRESPONDENCE ADDRESS:

ADDRESSER: Penite & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: United States of America

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/471,994

FILING DATE: 06-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Halluin, Albert P.

REGISTRATION NUMBER: 25,227

REFERENCE/DOCKET NUMBER: 8142-103

TELEPHONE: 415-854-3660

TELEFAX: 415-854-3694

TELEFAX: 66141 PENNIE

INFORMATION FOR SEQ. ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 6 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULAR TYPE: DNA (genomic)

US-08-471-994-8

Query Match 100.0%; Score 6; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.1e+08;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DB 1 TGTGTG 6

1 TGTGTG 6

RESULT 2

US-08-154-364-8

Sequence 8, Application US/08154364

Patent No. 6207810

GENERAL INFORMATION:

APPLICANT: McCelland, Michael

APPLICANT: Welsh, John T.

TITLE OF INVENTION: ARBITRARILY PRIMED

POLYMERASE CHAIN

REACTION METHOD FOR FINGER PRINTING

GENOMES

OF SEQUENCES: 41

STREET: 2001 Ferry Building

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0,

Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/154,364

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Bortner, Scott R.

REGISTRATION NUMBER: 34,298

REFERENCE/DOCKET NUMBER: STRG-20142 USA

TELEPHONE: 415-433-4150

TELEFAX: 414-433-8716

INFORMATION FOR SEQ. ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 6 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULAR TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-154-364-8

Query Match 100.0%; Score 6; DB 3; Length 6;
Best Local Similarity 100.0%; Pred. No. 1.1e+08;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DB 1 TGTGTG 6

1 TGTGTG 6

RESULT 3

US-08-154-364-14

Sequence 14, Application US/08154364

Patent No. 6207810

GENERAL INFORMATION:

APPLICANT: McCelland, Michael

APPLICANT: Welsh, John T.

TITLE OF INVENTION: ARBITRARILY PRIMED

POLYMERASE CHAIN

REACTION METHOD FOR FINGER PRINTING

GENOMES

NUMBER OF SEQUENCES: 41

CORRESPONDENCE ADDRESS:

ADDRESSER: Limbach and Limbach

STREET: 2001 Ferry Building

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0,

Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/154,364

FILING DATE: